

FABP9 Human

Description: FABP9 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 156 amino acids (1-132 a.a) and having a molecular mass of 17.6kDa. FABP9 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-1095

For research use only.

Synonyms: Fatty acid-binding protein 9, Testis lipid-binding protein, TLBP, Testis-type fatty acid-binding protein, T-FABP, FABP9, PERF, PERF15.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMVEPFL GTWKLVSSEN
FEDYMKELGV NFAARNMAGL VKPTVTISVD GKMMTIRTES SFQDTKISFK LGEEFDETTA
DNRKVKSTIT LENGSMIHVQ KWLKGKETTIK RKIVDEKMOV ECKMNNIVST RIYEKV.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

FABP9 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Fatty acid binding protein 9 (FABP9) belongs to the fatty acid-binding proteins (FABPs) which are a family of small, extremely conserved, cytoplasmic proteins to bind long-chain fatty acids and other hydrophobic ligands. FABP9 is found in midpachytene spermatocytes and round spermatids, and comprises part of the perinuclear theca. FABP9 probably links intracellular membranes and signals abnormal sperm formation during spermatogenesis.

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